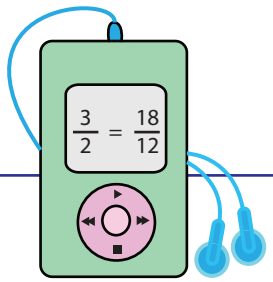
Name : _____ Score : _____

Equivalent Fractions

MS2



Find the value of a variable in each problem.

1) $\frac{48}{d} = \frac{8}{13}$

$d =$ ☐

2) $\frac{6}{11} = \frac{a}{22}$

$a =$ ☐

3) $\frac{c}{4} = \frac{8}{5}$

$c =$ ☐

5) $\frac{10}{15} = \frac{8}{n}$

$m =$ ☐

7) $\frac{40}{b} = \frac{7}{16}$

$b =$ ☐

9) $\frac{x}{10} =$

i) If $x = 4$, $y =$ ☐

ii) If $y = 40$, $x =$ ☐

10) $\frac{15}{p} = \frac{q}{6}$

i) If $p = 30$, $q =$ ☐

ii) If $q = 5$, $p =$ ☐

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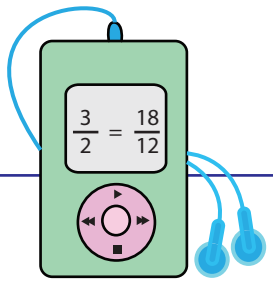
Answer key

Equivalent Fractions

MS2



Find the value of a variable in each problem.

1) $\frac{48}{d} = \frac{8}{13}$

$d =$ **78**

2) $\frac{6}{11} = \frac{a}{22}$

$a =$ **12**

3) $\frac{c}{4} = \frac{8}{5}$

$c =$ **35**

5) $\frac{10}{15} = \frac{8}{n}$

$m =$ **13**

7) $\frac{40}{b} = \frac{7}{16}$

$b =$ **28**

9) $\frac{x}{10} =$

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i) If $x = 4$, $y =$ **80**

ii) If $y = 40$, $x =$ **8**

10) $\frac{15}{p} = \frac{q}{6}$

i) If $p = 30$, $q =$ **3**

ii) If $q = 5$, $p =$ **18**